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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

004770.00035

10/020,579

Applicant:

Ye Wang

Filing Date:

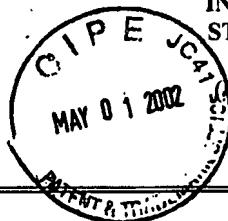
December 14, 2001

Group:

2435 2626

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
My	5,148,487	09/15/1992	Nagai et al			
Mr	5,579,430	11/26/1996	Grill et al			RECEIVED
Mo	5,852,805	12/22/1998	Hiratsuka et al			MAY 03 2002

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
My		0 718 982 A2	06/26/1996	EP				
Mo		98/13965	04/02/1998	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

1	HERRE, et al, Evaluation of Concealment Techniques for compressed Digital Audio, Audio Engineering Society Preprint, March 16 – 19, 1993, Preprint 3460 (A1-4), Erlangen, Germany
2	BOLOT et al, Analysis of Audio Packet Loss in the Internet, Proc. Of 5 <sup>th</sup> Int. Workshop on Network and Operating System Support for Digital, Audio and Video, pp. 163-174, Durham, April 1995
3	International Standard ISO/IEC, Information Technology – Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to About 1.5 Mbit/s – Part 3, Audio Technical Corrigendum 1, Published 1996-04-15
4	STENGER et al, A New Error Concealment Technique for Audio Transmission with Packet Loss, Telecommunications Institute, University of Erlangen-Nuremberg, Cauerstrasse 7, 91058 Erlangen, Germany, Eusipco 1996
5	McKINLEY et al, Experimental Evaluation of Forward Error Correction on Multicast Audio Streams in Wireless LANs, Department of Computer Science and Engineering, Michigan State University, East Lansing, Michigan 48824, pp. 1 – 10, Copyright 2000 ACM
6	NISHIHARA et al, A Practical Query-By-Humming System for a Large Music Database, NTT Laboratores, 1 – 1 Hikarinooka, Yokosuka-shi, Kanagawa, 239-0847, Japan pp. 1 - 38 December, 2000.
7	WANG, Y., Vilermo, M., Isherwood, D. "The Impact of the Relationship Between MDCT and DFT on Audio Compression: A Step Towards Solving the Mismatch", the First IEEE Pacific-Rim Conference on Multimedia (IEEE-PCM2000), December 13 – 15, 2000, Sydney, Australia, pp. 130 – 138
8	PERKINS, C., Hodson, O., Hardman, V., "A Survey of Packet-loss Recovery Techniques for Streaming Audio," IEEE Network, Sept/Oct. 1998.
9	ETSI Rec. GSM 6.11, "Substitution and Muting of Lost Frames for Full Rate Speech Signals," 1992
10	GOODMAN, O.J. et al., "Waveform Substitution Techniques for Recovering Missing Speech Segments in Packet Voice Communications," IEEE Trans. Acoustics, Speech, and Sig. Processing, vol. ASSP-34, no. 6, Dec. 1986, pp. 1440-1448

P.R. Michael Myers

6/5/07

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete If Known**

Application Number	10/020,579
Filing Date	December 14, 2001
First Named Inventor	Wang, Ye
Group Art Unit	2133
Examiner Name	TBD
Attorney Docket Number	004770.00035

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M. H. Gant

**Date  
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MD	F	BOSSE, Modified Discrete Cosine Transform (MDCT), March 7, 1998, available at <a href="http://ccmra-www.stanford.edu/~bosse/proj/node27.html">http://ccmra-www.stanford.edu/~bosse/proj/node27.html</a>	
MD	G	FRAUNHOFER, MPEG Audio Layer-3, available at <a href="http://www.its.fhg.de/amm/techinf/layer3/index.html">http://www.its.fhg.de/amm/techinf/layer3/index.html</a> , 1993	
MD	H	WCMDMAN - the wideband 'radio pipe' for 3G services, September 17, 1999, available at <a href="http://www.ericsson.com/wireless/productsys/gsm/subpages/umts_and_3g/wcdman.shtml">http://www.ericsson.com/wireless/productsys/gsm/subpages/umts_and_3g/wcdman.shtml</a>	
MD	I	GSM Frequently Asked Questions, October 23, 2000, available at <a href="http://www.gsmworld.com/technology/law.html">http://www.gsmworld.com/technology/law.html</a>	
MD	J	PERKINS, HODSON, Options for Repair of Streaming Media, Network Working Group RFC 2354, The Internet Society, June 1998.	
MD	K	GOTO & HAYAMIZU, A Real-time Music Scene Description System: Detecting Melody and Bass Lines in Audio Signals, August 1999, Working Notes of the IJCAI-99 Workshop on Computational Auditory Scene Analysis, p. 31-40.	

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Examiner Signature	<i>MW/yaak MD</i>	Date Considered	5/25/05; 6/5/07
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